Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 13 Oct 2023 until 23:59 on Saturday 14 Oct 2023

Forecast Issued on Friday 13 Oct 2023 at 04:51

Confidence: High for unsettled weather at first Friday, for a transition to colder and fresher conditions from Friday afternoon and for settled and sunny conditions from Sunday. Moderate for weekend shower detail.

Headline for Friday 13 Oct 2023: Overcast start with periods of rain, perhaps heavy. Turning mainly dry and bright by mid-afternoon. Becoming colder with the freezing level lowering later.

Mountain weather hazards on Friday 13 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
90%	90%	60%	10%	10%	10%

Forecast for Friday 13 Oct 2023

Weather: A wet and cloudy morning with an area of persistent, and at times heavy, rain lying across the Dales. Rain should begin to pull away to the south around midday. Extensive cloud and hill fog through the morning, with cloud breaks then developing quite widely as rain clears. A few, mostly light, showers feeding in from the northwest later, though most areas remaining dry. Strong and blustery winds.

Chance of cloud-free hill tops above 600m: 20%, becoming 80% by mid-afternoon after rain clears.

Low Cloud and visibility: Extensive cloud with bases down to around 400m at first, poorest across the southern Dales. Cloud will gradually lift clear of summits and break to sunny spells by early afternoon after rain clears. Moderate or poor visibility in rain, very poor in heavy or persistent rain. Visibility then very good, but falling to moderate in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 13 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 S	12/17 W	18/25 W	23/32 W	21/30 W	19/29 W	18/28 W
300	1/7 W	7/16 NW	12/24 W	16/32 W	14/31 W	12/29 W	12/28 W
Valley	1/4 NE	5/11 NW	9/19 W	15/30 W	8/23 W	7/22 NW	8/21 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	8/5	6/2	6/2	5/-0	4/-1	3/-2
300	9/9	10/9	9/7	9/6	7/4	6/3	6/2
Valley	10/10	11/10	11/9	11/8	8/7	7/6	7/4
Freezing Level*	2600m	2500m	1600m	1200m	1200m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rain, heavy and persistent at times through the morning, will result in wet or slippery surfaces and could lead to some watercourses becoming swollen. Severe wind chill developing across higher summits and routes later and overnight.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 13 Oct 2023	0mm	9.8mm	11.2mm

Forecast for Saturday 14 Oct 2023

Weather: Bright with sunny spells or clear skies and only a scattering of showers, most of these focused across western areas. Feeling cold, with a potentially wintry mix to showers down to 500m later in the day as the freezing level lowers.

Maximum wind: West to northwest 25-30mph gusting 35-40mph, soon easing 15-20mph with gusts 25-30mph.

Chance of cloud-free hill tops above 600m: 70% in west, but 90% or above in the east

Low Cloud and visibility: Excellent visibility outside of cloud with distant hills clearly visible. Visibility briefly falling to moderate in showers, very poor in any wintry showers. Cloud bases may briefly shroud higher routes as showers push through, mainly in the west.

Temperature: **Valleys:** Plus 4 Celsius increasing 9 Celsius during the afternoon
At 600m: Plus 2 Celsius increasing 4 Celsius for a time during the afternoon.
Freezing level: 1000 m lowering 500 m late in the day

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